

N. M. O. C. COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL. E*

(See other in-
structions on
reverse side)Form approved,
Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

5. LEASE DESIGNATION AND SERIAL NO.

NM-0426782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. TERM OR LEASE NAME

Mary-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC. T., R., M., OR BLOCK AND SURVEY
OR AREA

11-23S-25E

12. COUNTY OR
PARISH

Eddy

13. STATE

New Mexico

2. TYPE OF COMPLETION:

☒ WORK
OVER ☐ BRAD-
EN ☐ PLUG
BACK ☐ DIES-
ELST. ☒ Other

3. NAME OF OPERATOR

Hanagan Petroleum Corporation

4. ADDRESS OF OPERATOR

P. O. Box 1737, Roswell, New Mexico 88201

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FNL & 660' FEL

At top prod. interval reported below

At total depth

Same

14. PERMIT NO.

DATE ISSUED

NOV - 8 1973

O. C. C.
ARTESIA. OFFICE

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

19. ELEV. CASINGHEAD

Re - 8/4/73

8/5/73

Recomp. 11/5/73

3736' KB

3726'

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

11570

11000

Plug back

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Atoka 10556-70'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Submitted on previous completion

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING	AMOUNT PULLED
16"	42.05	100	20	Circ. NOV 7 1973	None
9-5/8"	32.3 & 36	2430	12 1/2	Circ. S. GEOLOGICAL SURVEY	None
5-1/2"	17 & 20	11570	8-3/4 & 7-7/8	ARTESIA. NEW MEXICO	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	10407	10407

31. PERFORATION RECORD (Interval, size and number)

Perf. 2 SPI w/tbg. gun:
10556, 58, 60, 62, 68 & 70

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10556-70	250 MS 7 1/2%
10556-70	3000 MS 15% w/nitrogen

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing - see attached C-122				shut-in	
DATE OF TEST	HOURS TESTED	CHOSE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/30/73	4	varies	→	CAOF 2900 MCFGPD (4 pt.)			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut-in waiting on pipeline connection

TEST WITNESSED BY

F. Tefteller

35. LIST OF ATTACHMENTS

None (already submitted)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Hugh E. Hanagan

TITLE Vice President

DATE 11/6/73

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the recording of completion logs should be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 25, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types of electric logs, etc.) should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. (Consult local State or Federal office for specific instructions.)

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other sections of this form and in any subsequent interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (logs) on this interval and, if applicable, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Seals Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MATRICES	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				NAME	WEAR DEPTH
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		
DST's and formation tops already submitted previously.					